RI Department of Health
Office of Communicable Diseases
Shiga toxin positive E. coli

NEDSS Documentation
Version 1/ March 19, 2007
Page 1/3

Shiga-toxin positive E. coli Lab Report – RI Definitions & Rules for Entering Laboratory Fields

Note: Fields in **RED** are required by the NEDSS system. Fields that are **BOLD** are required by RI.

Field on Screen	Description	RI Rules for Data Entry
Order Information		
Reporting Facility	**Enter the name of lab PERFORMING the Test. To include reference laboratories.**	**Required**
Ordering Facility	The lab that PROCESSED the lab specimen. It could be the same as the Reporting Facility. (NOTE: The lab does not order the test.)	Enter if known
Ordering Provider	Name of the health care provider ordering the lab test.	Enter if known
Program Area	**Program Area associated with the condition. The program areas are: 1) General Communicable Diseases, 2) Hepatitis, 3)HIV/AIDS, 4) STD and 5)VPD (Vaccine Preventable Diseases)**	**Required**
Jurisdiction	**The geographic area responsible for managing public health activities including intervention, prevention and surveillance. There is only 1 jurisdiction for RI**	**Required**
Share record with Guests for this Program Area and Jurisdiction	This field indicates whether or not the record should be shared with all users who have guest privileges for the Program Area/Jurisdiction.	Not Required
Lab Report Date	**Date the Lab released the lab report. Date test result is FINAL by lab**	**Required**
Date Received by Public Health	**Date Received by Public Health Over-ride pre-populated date with date received by public health.**	**Required**
Ordered Test	The ordered test name	Enter if available
Accession Number	A laboratory generated number that identifies the specimen related to this test.	Enter if available
Specimen Source	**This is the medium from which the specimen originated. Examples include whole blood, saliva, urine, etc.**	**Required (Stool)** For Shiga toxin positive E. coli: Both asymptomatic infections and infections at sites other than the gastrointestinal tract, if laboratory confirmed, are considered confirmed cases that should be reported.

RI Department of Health
Office of Communicable Diseases
Shiga toxin positive E. coli

NEDSS Documentation
Version 1/ March 19, 2007
Page 2/3

Field on Screen	Description	RI Rules for Data Entry
Specimen Site	This indicates the physical location, of the subject, where the specimen originated. Examples include: Right Internal Jugular, Left Arm, Buttock, Right Eye, etc	Not required.
Date Specimen Collected	**Date the specimen was collected.**	**Required**
Patient Status at Specimen Collection	Patient condition at the time that the specimen was taken	Enter if available
Test Result(s)		
Resulted Test	**Test that was performed. Always use the search table. Enter the test that was performed.**	**Required** Case definition: Isolation of Shiga toxin-producing *Escherichia coli* from a clinical specimen. *Escherichia coli* O157:H7 isolates may be assumed to be Shiga toxin-producing. For all other *E. coli* isolates, Shiga toxin production or the presence of Shiga toxin genes must be determined to be considered STEC. **Select: E. coli Shiga pos, Stool.**
Organism Name	**Organism Name field will appear when the selected Resulted Test Name has an "organism identified" indicator. Otherwise, Coded Result Value will appear. Enter the Organism name if the resulted Test is "Organism identified".**	**Required** Select the organism identified including the serotype. A search might have to be performed.
Coded Result	The coded result value for a test, i.e. "Positive".	Not Required
Numeric Result	The numeric value for a lab report. The user can enter the number or the number plus comparative operators (<, <=, >, >=) and separators and the system will parse the data in the proper fields in the database.	Not Required
Text Result	The Lab Result Text format field allows user to enter a textual result values (i.e., values not included in the coded drop down).	Enter **ONLY** if no other fields will capture the result.
Reference Range from:	The reference range from value allows the user to enter the value on one end of a expected range of results for the test.	Enter if info available. Leave blank if not available.
Reference Range to	The reference range to value allows the user to enter the value on the other end of a valid range of results for the test.	Enter if info available. Leave blank if not available

RI Department of Health
Office of Communicable Diseases
Shiga toxin positive E. coli

NEDSS Documentation
Version 1/ March 19, 2007
Page 3/3

Field on Screen	Description	RI Rules for Data Entry
Result Status	The Result Status is the degree of completion of the lab test.	Enter if available
Result Comments	Free text area for comments having to do specifically with the lab result test.	Enter if needed.
Administrative		
Comments	User has option to enter free text comments about a lab report	Enter if needed.